

Panasonic Broadcast

AK-HC3500 Menu Information

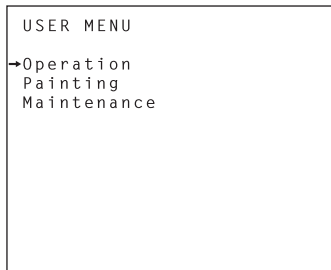
Menu operations

Basic setting menu operations

■ Displaying the menus

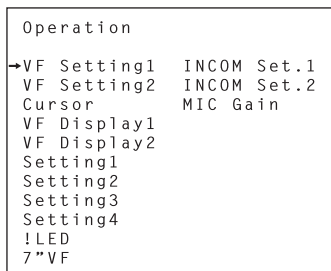
User menu

- 1 Press the MENU switch.
The camera's USER menu screen now appears on the viewfinder or monitor.



- 2 Turn the JOG dial to select the menu item.

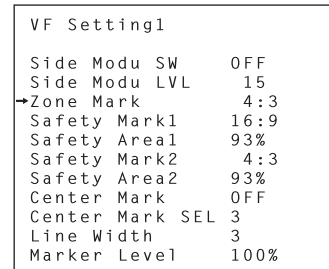
- 3 After having selected the item, press the JOG dial to access that item's menu.



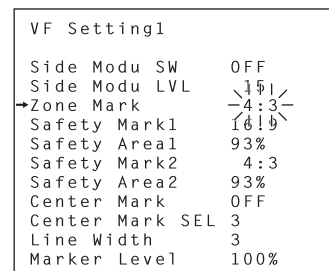
■ Entering the menu data

After accessing the item menus, enter the respective data.

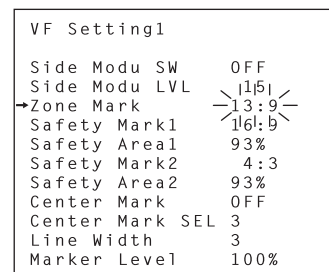
- 1 Turn the JOG dial to select the menu item to be set.



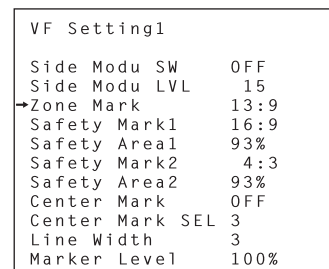
- 2 When the JOG dial is pressed, the setting of the item indicated by the arrow flashes.



- 3 Turn the JOG dial to change the setting.



- 4 When the JOG dial is pressed, the data is entered.



Note

Bear in mind that if, in step 3, the MENU switch is set to OFF while the setting is flashing, the setting prior to the flashing will remain unchanged.

Menu operations

■ Entering the menu data (continued)

When the setting flashes one character at a time, press the JOG dial to move the flashing toward the right.

- 1 When the JOG dial is pressed, flashing moves toward the right.

```
Setting3
→RET1 ID      ABCDE
RET2 ID      IJKLM
RET3 ID      QRSTU
RET4 ID      YZ012
Gain SW LOW   0dB
Gain SW MID   6dB
Gain SW HIGH  12dB
ID Character  ABCDEFGHIJ
RET-C Select  1
RET-A+RET-B  RET-C
```



```
Setting3
→RET1 ID      ABCDE
RET2 ID      IJKLM
RET3 ID      QRSTU
RET4 ID      YZ012
Gain SW LOW   0dB
Gain SW MID   6dB
Gain SW HIGH  12dB
ID Character  ABCDEFGHIJ
RET-C Select  1
RET-A+RET-B  RET-C
```

- 2 Turn the JOG dial to change the setting.

```
Setting3
→RET1 ID      ABCDE
RET2 ID      IJKLM
RET3 ID      QRSTU
RET4 ID      YZ012
Gain SW LOW   0dB
Gain SW MID   6dB
Gain SW HIGH  12dB
ID Character  ABCDEFGHIJ
RET-C Select  1
RET-A+RET-B  RET-C
```

- 3 When the JOG dial is now pressed, the data is entered.

```
Setting3
→RET1 ID      AMCDE
RET2 ID      IJKLM
RET3 ID      QRSTU
RET4 ID      YZ012
Gain SW LOW   0dB
Gain SW MID   6dB
Gain SW HIGH  12dB
ID Character  ABCDEFGHIJ
RET-C Select  1
RET-A+RET-B  RET-C
```

Setting menu configuration

Hierarchical menus

USER MENU	
Operation	
VF Setting1 Viewfinder settings1	<ul style="list-style-type: none"> Side Modu SW (for setting the peripheral brightness modulation to ON or OFF) Side Modu LVL (for setting the peripheral brightness modulation level) Zone Mark (for setting the zone marker) Safety Mark1 (for setting the safety marker1) Safety Area1 (for setting the safety area1) Safety Mark2 (for setting the safety marker2) Safety Area2 (for setting the safety area2) Center Mark (for setting the center marker) Center Mark SEL (for setting the shape of the center marker) Line Width (for setting the thickness of the markers) Marker Level (for setting the brightness of the markers)
VF Setting2 Viewfinder settings2	<ul style="list-style-type: none"> VF DTL (for adjusting VF DTL) RET Signal HD Peak FREQ (for adjusting the peak frequency of HD RET signal) HD Offset Gain (for adjusting the DTL offset gain of HD RET signal) HD Crisp (for adjusting the DTL crisp level of HD RET signal) D1 Peak FREQ (for adjusting the peak frequency of D1 RET signal) D1 Offset Gain (for adjusting the DTL offset gain of D1 RET signal) D1 Crisp (for adjusting the DTL crisp level of D1 RET signal) VBS Peak FREQ (for adjusting the peak frequency of VBS RET signal) VBS Offset Gain (for adjusting the DTL offset gain of VBS RET signal) VBS Crisp (for adjusting the DTL crisp level of VBS RET signal)
Cursor Cursor settings	<ul style="list-style-type: none"> Cursor (for setting the cursor marker to ON or OFF) Cursor Memory (for selecting the cursor marker memory from ADJ, 1, 2 or 1+2) H Position (for adjusting the H position of the cursor) V Position (for adjusting the V position of the cursor) Width (for adjusting the width of the cursor) Height (for adjusting the height of the cursor) BOX/CROSS (for setting the shape of the cursor) Store (for setting the cursor memory) EXECUTE (for executing Store)
VF Display1 Viewfinder display settings1	<ul style="list-style-type: none"> F Number (for setting the f-number display to ON or OFF) Zoom (for setting the zoom value display to ON or OFF) Focus (for setting the focus value display to ON or OFF) Extender (for setting the lens extender display to ON or OFF) MONI OUT (for setting the monitor output selection display to ON or OFF) Filter (for setting the ND/CC filter display to ON or OFF) M Gain (for setting the gain display to ON or OFF) Shutter (for setting the electronic shutter display to ON or OFF) 5600K (for setting the 5600K effect to ON or OFF) Audio Level (for setting the audio level display to ON or OFF)
VF Display2 Viewfinder display settings2	<ul style="list-style-type: none"> OPT Level (for setting the optical level display to ON or OFF) RET Select (for setting the RET selection display to ON or OFF) Status (for setting the display appearing when functions are selected to ON or OFF) Status(AUTO) (for setting the display appearing when AWB/ABB/ASU are started or finished to ON or OFF) Field Rate (for setting the field rate display to ON or OFF) Voltage (for setting the supply voltage display to ON or OFF) WFM (for setting the WFM display to ON or OFF) White CH (for setting the white balance memory display to ON or OFF)
Setting1 Camera settings1	<ul style="list-style-type: none"> FAN Power (for setting the camera fan to ON or OFF) FAN Mode (for setting the camera fan mode) CALL+R_TALLY (for setting to light R TALLY when CALL is detected) CALL+T_TALLY (for setting to light T TALLY when CALL is detected) PinP Mode (not operate) HD-SDI2 OUT (for selecting the mode of HD-SDI2 connector) HD-SDI2 Power (for setting the power of HD-SDI2 to ON or OFF) AUX I/O (for selecting the mode of AUX connector) TRUNK1 (for setting the serial interface standard of trunk line) TRUNK2 (for setting the serial interface standard of trunk line) 5600K (for setting the electronic color temperature filter)
Setting2 Camera settings2	<ul style="list-style-type: none"> HND GRIP RET (for selecting the grip RET SW function) HND GRIP PTT (for selecting the grip PTT SW function) HND Lens VTR (for selecting the handy lens VTR SW function) HND Lens RET (for selecting the handy lens RET SW function) STD Lens RET1 (for selecting the standard lens RET1 SW function) STD Lens RET2 (for selecting the standard lens RET2 SW function) EXT RET 1 (for selecting the external return control SW1 function) EXT RET 2 (for selecting the external return control SW2 function) EXT RET 3 (for selecting the external return control SW3 function)

Setting menu configuration

Hierarchical menus

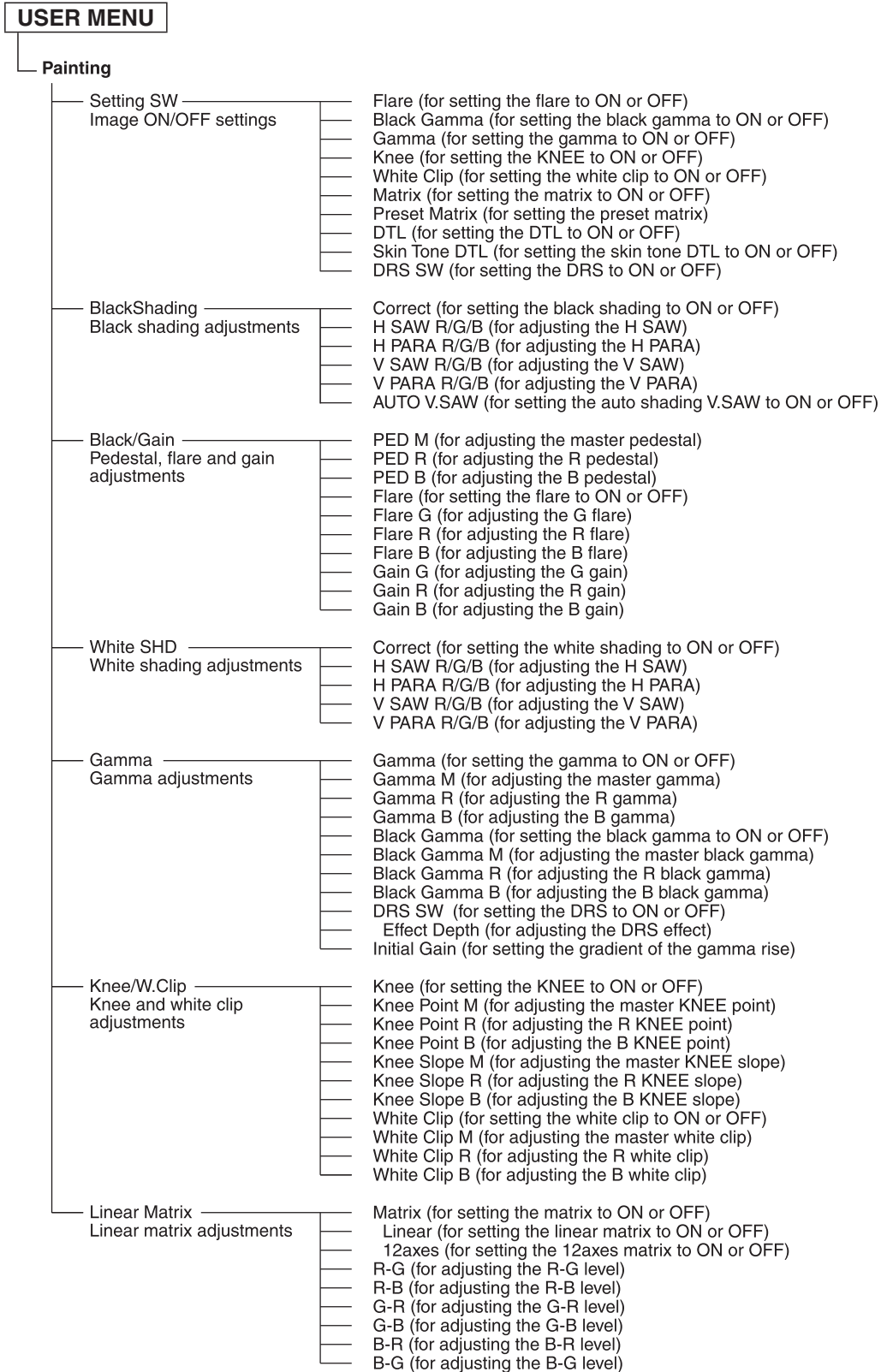
USER MENU

Operation

Setting3 Camera settings3	RET1 ID (for setting the RET1 designation) RET2 ID (for setting the RET2 designation) RET3 ID (for setting the RET3 designation) RET4 ID (for setting the RET4 designation) Gain SW LOW (for setting the gain selector switch to LOW gain) Gain SW MID (for setting the gain selector switch to MID gain) Gain SW High (for setting the gain selector switch to HIGH gain) ID Character (for setting the camera designation)
Setting4 Camera settings4	User SW1 (for selecting the function of User SW1) User SW2 (for selecting the function of User SW2) User SW3 (for selecting the function of User SW3) User B/U (for selecting the function of User SW on the Buildup Unit) Back Light (for setting the back light to ON or OFF) RET Mode (for setting the RET SW operation mode) Lens I/F (for setting the interface of the lens) B/U Lens (for setting the lens type in B/U system) Rear ROP VR (for setting the right of priority for the control knobs of the ROP connected to the camera rear connector)
!LED Camera status display settings	Gamma Off (for displaying the status when the gamma is OFF) Shutter (for displaying the status when the electronic shutter is ON) Extender (for displaying the status when the lens extender is ON) MONI OUT (for displaying the status when the monitor output signal is other than Y) FAN Off (for displaying the status when the fan is OFF) Master Gain (for displaying the status when the gain is other than 0 dB) Black Gamma (for displaying the status when the black gamma is ON)
7"VF CRT VF settings	VF FAN Speed (for controlling the fan speed of the CRT viewfinder) Peak Slice (for setting the "peak slice" function) Peak FREQ (for selecting the peak frequency)
INCOM Set.1 Incom settings1	INC1 MIC Type (for selecting the type of intercom1 microphone) INC1 MIC Gain (for setting the gain of intercom1 microphone) INC1 MIC Power (for setting the mic power supply of INCOM1 to ON or OFF) INC1 Side Tone (for setting the side tone of intercom1 to ON or OFF) INC1 PGM MIX (for setting the PGM mix of intercom1 to ON or OFF) INC1 ENG/PROD (for selecting the communication destination of intercom1) INC1 to CCU (for setting the insertion of CCU into the communication destination for intercom1 to ON or OFF)
INCOM Set.2 Incom settings2	INC2 MIC Type (for selecting the type of intercom2 microphone) INC2 MIC Gain (for setting the gain of intercom2 microphone) INC2 MIC Power (for setting the mic power supply of INCOM2 to ON or OFF) INC2 Side Tone (for setting the side tone of intercom2 to ON or OFF) INC2 PGM MIX (for setting the PGM mix of intercom2 to ON or OFF) INC2 ENG/PROD (for selecting the communication destination of intercom2) CRANE MIC Gain (for setting the insertion of CCU into the communication destination for intercom2 to ON or OFF) CRANE Side Tone (for setting the side tone of CRANE for the intercom to ON or OFF) CRANE ENG/PROD (for selecting the communication destination of the CRANE intercom) CRANE to CCU (for setting the insertion of CRANE into the communication destination for intercom2 to ON or OFF)
MIC Gain MIC Gain settings	MIC1 Gain (for setting the gain of MIC1) MIC1 AMP (for setting the amplitude of MIC1) MIC2 Gain (for setting the gain of MIC2) MIC2 AMP (for setting the amplitude of MIC2)

Setting menu configuration

Hierarchical menus



Setting menu configuration

Hierarchical menus

USER MENU

Painting

Color Correct1 12axes matrix adjustments1	<ul style="list-style-type: none"> Matrix (for setting the matrix to ON or OFF) Linear (for setting the linear matrix to ON or OFF) 12axes (for setting the 12axes matrix to ON or OFF) G Satu/Phase (for adjusting the G gain) G_Cy Satu/Phase (for adjusting the G_Cy gain) Cy Satu/Phase (for adjusting the Cy gain) Cy_B Satu/Phase (for adjusting the Cy_B gain) B Satu/Phase (for adjusting the B gain) B_Mg Satu/Phase (for adjusting the B_Mg gain)
Color Correct2 12axes matrix adjustments2	<ul style="list-style-type: none"> Matrix (for setting the matrix to ON or OFF) Linear (for setting the linear matrix to ON or OFF) 12axes (for setting the 12axes matrix to ON or OFF) Mg Satu/Phase (for adjusting the Mg gain) Mg_R Satu/Phase (for adjusting the Mg_R gain) R Satu/Phase (for adjusting the R gain) R_Ye Satu/Phase (for adjusting the R_Ye gain) Ye Satu/Phase (for adjusting the Ye gain) Ye_G Satu/Phase (for adjusting the Ye_G gain)
Detail1 Detail adjustments1	<ul style="list-style-type: none"> V DTL (for adjusting the V DTL level) H DTL (for adjusting the H DTL level) Crisp (for adjusting the detail crisp level) Peak FREQ (for adjusting the detail peak frequency) Level Dep. (for adjusting the level dependent) Dark DTL (for adjusting the dark detail level) Corner DTL (for adjusting the corner detail level) DTL_Source (for selecting the detail source) DTL_Clip+ (for adjusting the clip on the detail + side) DTL_Clip- (for adjusting the clip on the detail - side)
Detail2 Detail adjustments2	<ul style="list-style-type: none"> DTL_Knee+ (for adjusting the knee compensation on the detail + side) DTL_Knee- (for adjusting the knee compensation on the detail - side) Knee DTL (for adjusting the knee detail gain)
Skin Tone Detail1 Skin tone detail adjustments1	<ul style="list-style-type: none"> Skin Tone DTL (for setting the skin tone detail to ON or OFF) Skin Tone Get (for capturing the skin tone) Cursor (for displaying the cursor which captures the skin tone) H Cursor (for adjusting the horizontal position of the cursor) V Cursor (for adjusting the vertical position of the cursor) ZEBRA (for setting the zebra pattern displayed in the applicable skin tone range to ON or OFF) Effect MEM (for selecting the memory in which the skin tone detail is to be reflected)
Skin Tone Detail2 Skin tone detail adjustments2	<ul style="list-style-type: none"> Skin Tone DTL (for setting the skin tone detail to ON or OFF) MEM Select (for selecting the memory in which the skin tone detail is stored) Skin Tone Crisp (for adjusting the crispness of the skin tone detail) Phase (for adjusting the skin tone detail phase) Width (for adjusting the skin tone detail range) Saturation (for adjusting the skin tone detail saturation)

Setting menu configuration

Hierarchical menus

USER MENU		
Maintenance		
Date/Time	Present (for displaying the present status)	
Camera's internal calendar function setting	Adjust (for setting the adjustment mode to ON or OFF)	
	12H/24H (for setting the 12H/24H)	
	Date (for setting the DATE)	
	Time (for setting the TIME)	
	Set Exe (for reflecting the adjustment values)	
	Reset (for resetting the statuses which have been set)	
SD Card	Mode (for selecting the operation for the SD card)	
SD card operations with camera	File No. (for selecting the file number in SD card)	
	EXECUTE (for executing the operation for the SD card)	
Scene File	Mode (for selecting scene file operation)	
Scene file operations	File No. (for selecting the scene file)	
	EXECUTE (for executing the operation for the scene file)	
Lens File	Mode (for selecting lens file operation)	
Lens file operations	File No. (for selecting the lens file)	
	File Name (for setting the lens file name)	
	EXECUTE (for executing the operation for the lens file)	
Lens Edit	Gain (for adjusting the gain in the lens file data)	
Lens file edit	Flare (for adjusting the flare in the lens file data)	
	W H SAW R/G/B (for adjusting the White H SAW in the lens file data)	
	W H PARA R/G/B (for adjusting the White H PARA in the lens file data)	
	W V SAW R/G/B (for adjusting the White V SAW in the lens file data)	
	W V PARA R/G/B (for adjusting the White V PARA in the lens file data)	
	Store? (for storing the lens file)	
	Cancel?	
Option	The menu displayed differs depending on the type of option board installed.	
Option board		
Iris Cont.	Auto Iris (for setting the auto iris mode to ON or OFF)	
Iris control setting	Window Select (for selecting the detected area of auto iris)	
	Iris Level (for adjusting the auto iris level)	
	Peak Ratio (for adjusting the ratio between peak and average during auto iris operations)	
	A.Iris Range (for setting the range of adjusting fine auto iris level with iris volume joystick)	
	A.Iris Speed (for setting the auto iris speed)	
	LensExtComp.SW (for setting the ALC compensation when the lens extender is ON)	
	LensExtComp.LVL (for setting the amount of the ALC compensation when the lens extender is ON)	
CINE Gamma	Cinema Gamma SW (for setting the cinema gamma to ON or OFF)	
Cinema gamma settings	Cinema Gamma SEL (for adjusting the cinema gamma)	
	Black STR LVL (for adjusting the stretch level of the cinema gamma)	
	Dynamic LVL (for adjusting the dynamic level of the cinema gamma)	
	Knee Point (for adjusting the knee point of the cinema gamma)	
	Knee Slope (for adjusting the knee slope of the cinema gamma)	
ASU	Filter (for setting the ND/CC filter mode when auto setup)	
Auto setup operations	Setup Mode (for setting the auto setup mode)	
	REF File (for setting the reference file on the auto setup)	
	M-PED Target (for setting the master pedestal on the auto setup)	
	ASU Execute (for executing the auto setup)	
Tally Guard	Tally Guard (for setting the mode that prohibits the execution of AWB, ABB and ASU at the tally ON setting)	
Tally guard setting		
G/L	H Phase Coarse (for coarsely adjusting the H phase)	
G/L adjustments	H Phase Fine (for finely adjusting the H phase)	
	SD-HD Phase CRS (for coarsely adjusting the horizontal phase of the HD signals to the horizontal phase of the SD signals during B.B. genlock)	
	SD-HD Phase Fine (for finely adjusting the horizontal phase of the HD signals to the horizontal phase of the SD signals during B.B. genlock)	
	HD-SD Phase CRS (for coarsely adjusting the horizontal phase of the SD signals to the horizontal phase of the HD signals during HD genlock)	
	HD-SD Phase Fine (for finely adjusting the horizontal phase of the SD signals to the horizontal phase of the HD signals during HD genlock)	
	SD-HD V Phase (for adjusting the relative vertical phase of the SD signals and HD signals)	
	SC Coarse (for coarsely adjusting the SC)	
	SC Fine (for finely adjusting the SC)	
	SC-H Coarse (for coarsely adjusting the SC-H phase)	
	SC-H Fine (for finely adjusting the SC-H phase)	
Shutter	Shutter (for setting the shutter mode to ON or OFF)	
Shutter setting	SYNCHRO (for setting the synchro shutter to ON or OFF)	
	Mode (for selecting the mode of the shutter)	
	Speed (for setting the speed of shutter to ON or OFF)	
ROM Version	CAM (for displaying the ROM version)	
ROM version display	B/U (for displaying the ROM version)	
PLD Version	TG (for displaying the PLD version)	
PLD version display	SHD (for displaying the PLD version)	
	MEM (for displaying the PLD version)	
	RET VF (for displaying the PLD version)	
	AUX (for displaying the PLD version)	
	CAMSYS (for displaying the PLD version)	
	OPTION (for displaying the PLD version)	
Format	Present (for displaying the present system format)	
System format settings	Format (for setting the system format)	

Table of adjustment setting ranges

Operation

Menu	Item	Adjustment setting range	Initial value	Items recorded on SD memory cards
VF Setting1	Side Modu SW	OFF, ON	OFF	✓ No switching from the SD memory card to the camera settings possible while the buildup unit is connected.
	Side Modu LVL	0 to 31	31	✓ No switching from the SD memory card to the camera settings possible while the buildup unit is connected.
	Zone Mark	OFF, 4:3, 13:9, 14:9, 15:9, 16:9	OFF	✓ No switching from the SD memory card to the camera settings possible while the buildup unit is connected.
	Safety Mark1	16:9, 15:9, 14:9, 13:9, 4:3, OFF	OFF	✓
	Safety Area1	80 %, 90 %, 93 %, 100 %	93 %	✓
	Safety Mark2	16:9, 15:9, 14:9, 13:9, 4:3, OFF	OFF	✓
	Safety Area2	80 %, 90 %, 93 %, 100 %	80 %	✓
	Center Mark	OFF, ON	OFF	✓
	Center Mark SEL	1 to 4	1	✓
	Line Width	1 to 3	2	✓
	Marker Level	100 %, 75 %, 50 %	100 %	✓
VF Setting2	VF DTL	0 to 23	10	✓
	HD Peak FREQ	12.4M, 12.5M, 12.7M, 12.9M, 13.0M, 13.3M, 13.6M, 13.9M, 14.2M, 14.6M, 15.0M, 15.5M, 16.1M, 16.7M, 17.3M, 18.0M, 18.6M, 18.8M, 19.0M, 19.2M, 19.5M, 19.9M, 20.3M, 20.9M, 21.5M, 22.4M, 23.6M, 25.4M, 28.6M, 37.1M	12.4M	✓
	HD Offset Gain	0 to 5	0	✓
	HD Crisp	0 to 63	0	✓
	D1 Peak FREQ	2.0M, 2.3M, 2.7M, 3.4M, 4.5M, 6.8M, 13M	6.8M	✓
	D1 Offset Gain	0 to 5	0	✓
	D1 Crisp	0 to 63	0	✓
	VBS Peak FREQ	2.0M, 2.3M, 2.7M, 3.4M, 4.5M, 6.8M, 13M	6.8M	✓
	VBS Offset Gain	0 to 5	0	✓
Cursor	VBS Crisp	0 to 63	0	✓
	Cursor	OFF, ON	OFF	✓
	Cursor Memory	ADJ, 1, 2, 1+2	ADJ	✓
	H Position	0 to 255	127	
	V Position	0 to 255	127	
	Width	0 to 255	127	
	Height	0 to 255	127	
	BOX/CROSS	BOX, CROSS	BOX	
	Store Memory	MEM1, MEM2	MEM1	
VF Display1	EXECUTE	NO?, YES?	NO?	
	F Number	OFF, ON	OFF	✓
	Zoom	OFF, ON	OFF	✓
	Focus	OFF, ON	OFF	✓
	Extender	OFF, ON	OFF	✓
	MONI OUT	OFF, ON	OFF	✓
	Filter	OFF, ON	OFF	✓
	M Gain	OFF, ON	OFF	✓
	Shutter	OFF, ON	OFF	✓
	5600K	OFF, ON	OFF	✓
VF Display2	Audio Level	OFF, ON	OFF	✓
	OPT Level	OFF, ON	OFF	✓
	RET Select	OFF, ON	OFF	✓
	Status	OFF, ON	OFF	✓
	Status(AUTO)	OFF, ON	OFF	✓
	Field Rate	OFF, ON	OFF	✓
	Voltage	OFF, ON	OFF	✓
	WFM (*1)	OFF, ON	OFF	✓
	White CH	OFF, ON	OFF	✓
Setting1	FAN Power	OFF, ON, AUTO	ON	
	FAN Mode	LOW, NORM	NORM	
	CALL+R_TALLY	OFF, ON	OFF	✓
	CALL+T_TALLY	OFF, ON	OFF	✓
	PinP Mode	—	—	

*1: Waveforms are displayed as a single line at the center of the screen. They appear at the bottom right when the aspect ratio is set to 16:9, but when an aspect ratio of 4:3 is set on the viewfinder or when the side panel mode is selected by the down-converter, the waveform display will be cut off in part.

Table of adjustment setting ranges

Menu	Item	Adjustment setting range	Initial value	Items recorded on SD memory cards
Setting1	HD-SDI2 OUT	MAIN, VF, RET	VF	
	HD-SDI2 Power	ACTIVE, SAVE	ACTIVE	
	AUX I/O	RET Y IN, PMT2 OUT, VBS OUT, D1 OUT	RET Y IN	
	TRUNK1	RS422, RS232C	RS422	
	TRUNK2	RS422, RS232C	RS422	
	5600K	OFF, ON	OFF	
Setting2	HND GRIP RET	A, B, PTT	A	✓
	HND GRIP PTT	PTT, A, B	PTT	✓
	HND Lens VTR	VTR, A, B, PTT	B	✓
	HND Lens RET	A, B	A	✓
	STD Lens RET1	A, B	A	✓
	STD Lens RET2	A, B	B	✓
	EXT RET 1	A, B	A	✓
	EXT RET 2	A, B	B	✓
Setting3	EXT RET 3	A, B	B	✓
	RET1 ID	Enables a name (5 characters) to be set.	RET1	✓
	RET2 ID	Enables a name (5 characters) to be set.	RET2	✓
	RET3 ID	Enables a name (5 characters) to be set.	RET3	✓
	RET4 ID	Enables a name (5 characters) to be set.	RET4	✓
	Gain SW LOW	-6 dB to 36 dB (in 3 dB increments)	0 dB	✓
	Gain SW MID	-6 dB to 36 dB (in 3 dB increments)	6 dB	✓
	Gain SW HIGH	-6 dB to 36 dB (in 3 dB increments)	12 dB	✓
Setting4	ID Character	Enables a name (10 characters) to be set.	—	✓
	User SW1	A, B, PTT, DISP, MARK OFF (*2)	A	✓
	User SW2	A, B, PTT, DISP, MARK OFF	PTT	✓
	User SW3	A, B, PTT, DISP, MARK OFF	PTT	✓
	User B/U	A, B, PTT, DISP, MARK OFF, LENS EXT	PTT	✓
	Back Light	1 to 70	20	✓
	RET Mode	NORM, TOGGLE, SEQ.	NORM	✓
	Lens I/F	Analog, Serial	Analog	✓
	B/U Lens	PORTABLE, BOX	BOX	✓
!LED	Rear ROP VR	CAM, CCU	CAM	
	Gamma Off	OFF, ON	OFF	✓
	Shutter	OFF, ON	OFF	✓
	Extender	OFF, ON	OFF	✓
	MONI OUT	OFF, ON	OFF	✓
	FAN Off	OFF, ON	OFF	✓
	Master Gain	OFF, ON	OFF	✓
7"VF	Black Gamma	OFF, ON	OFF	✓
	VF FAN Speed	NORM, LOW	NORM	✓
	Peak Slice	OFF, LOW, MID, HIGH	OFF	✓
INCOM Set.1	Peak FREQ	8 MHz, 15 MHz	8 MHz	✓
	INC1 MIC Type	DYN, ECM, CBN	DYN	
	INC1 MIC Gain	-12 dB to +12 dB (in 3 dB increments)	0 dB	
	INC1 MIC Power	OFF, ON	OFF	
	INC1 Side Tone	OFF, -36 dB to 0 dB (in 3 dB increments)	OFF	
	INC1 PGM MIX	OFF, ON	ON	
	INC1 ENG/PROD	ENG, PROD	ENG	
INCOM Set.2	INC1 to CCU	OFF, ON	ON	
	INC2 MIC Type	DYN, ECM, CBN	DYN	
	INC2 MIC Gain	-12 dB to +12 dB (in 3 dB increments)	0 dB	
	INC2 MIC Power	OFF, ON	OFF	
	INC2 Side Tone	OFF, -36 dB to 0 dB (in 3 dB increments)	OFF	
	INC2 PGM MIX	OFF, ON	ON	
	INC2 ENG/PROD	ENG, PROD	ENG	
	CRANE MIC Gain	-12 dB to +12 dB (in 3 dB increments)	0 dB	
	CRANE Side Tone	OFF, -36 dB to 0 dB (in 3 dB increments)	OFF	
MIC Gain	CRANE ENG/PROD	ENG, PROD	ENG	
	CRANE to CCU	OFF, ON	ON	
	MIC1 Gain	20 dB, 40 dB, 60 dB	20 dB	
	MIC1 AMP	-20 dB to 20 dB (in 1 dB increments)	0 dB	
	MIC2 Gain	20 dB, 40 dB, 60 dB	20 dB	
	MIC2 AMP	-20 dB to 20 dB (in 1 dB increments)	0 dB	

*2: DISP: At the DISP setting, the character display is forcibly set to OFF while the user switch is pressed.
MARK OFF: At the MARK OFF setting, ZONE, SAFETY, CURSOR, CENTER and WFM are forcibly set to OFF while the user switch is pressed.

Table of adjustment setting ranges

Painting

Menu	Item	Adjustment setting range	Initial value
Setting SW	Flare	OFF, ON	ON
	Black Gamma	OFF, ON	OFF
	Gamma	OFF, ON	ON
	Knee	OFF, ON	OFF
	White Clip	OFF, ON	OFF
	Matrix	OFF, ON	OFF
	Preset Matrix	NORM, EBU, NTSC	NORM
	DTL	OFF, ON	ON
	Skin Tone DTL	OFF, ON	OFF
	DRS SW (*3)	OFF, ON	OFF
BlackShading	Correct	OFF, ON	ON
	H SAW R/G/B	-100 to +100	0
	H PARA R/G/B	-100 to +100	0
	V SAW R/G/B	-100 to +100	0
	V PARA R/G/B	-100 to +100	0
	AUTO V.SAW	—	—
Black/Gain	PED M	-99 to +99	0
	PED R	-800 to +800	0
	PED B	-800 to +800	0
	Flare	OFF, ON	ON
	Flare R	-100 to +100	0
	Flare G	-100 to +100	0
	Flare B	-100 to +100	0
	Gain R	-800 to +800	0
	Gain G	-800 to +800	0
	Gain B	-800 to +800	0
White SHD	Correct	OFF, ON	ON
	H SAW R/G/B	-100 to +100	0
	H PARA R/G/B	-100 to +100	0
	V SAW R/G/B	-100 to +100	0
	V PARA R/G/B	-100 to +100	0
Gamma	Gamma	OFF, ON	ON
	Gamma M	0.600 to 0.300	0.450
	Gamma R	-75 to +75	0
	Gamma B	-75 to +75	0
	Black Gamma	OFF, ON	OFF
	Black Gamma M	-32 to +32	0
	Black Gamma R	-20 to +20	0
	Black Gamma B	-20 to +20	0
	DRS SW	OFF, ON	OFF
	Effect Depth	1 to 5	5
	Initial Gain	4.0, 4.5, 5.0	4.5
Knee/W.Clip	Knee	OFF, ON	OFF
	Knee Point M	110 % to 80 %	95 %
	Knee Point R	-20 to +20	0
	Knee Point B	-20 to +20	0
	Knee Slope M	0 to 199	100
	Knee Slope R	-31 to +31	0
	Knee Slope B	-31 to +31	0
	White Clip	OFF, ON	OFF
	White Clip M	109 % to 80 %	109 %
	White Clip R	-15 % to +15 %	0
	White Clip B	-15 % to +15 %	0

*3: The image will be disturbed for an instant when the DRS function setting is changed.

Table of adjustment setting ranges

Menu	Item	Adjustment setting range	Initial value
Linear Matrix	Matrix	OFF, ON	OFF
	Linear	OFF, A, B	A
	12axes	OFF, A, B	A
	R-G	-31 to +31	0
	R-B	-31 to +31	0
	G-R	-31 to +31	0
	G-B	-31 to +31	0
	B-R	-31 to +31	0
	B-G	-31 to +31	0
Color Correct1	Matrix	OFF, ON	OFF
	Linear	OFF, A, B	A
	12axes	OFF, A, B	A
	G Satu	-128 to +127	0
	G Phase	-128 to +127	0
	G_Cy Satu	-128 to +127	0
	G_Cy Phase	-128 to +127	0
	Cy Satu	-128 to +127	0
	Cy Phase	-128 to +127	0
	Cy_B Satu	-128 to +127	0
	Cy_B Phase	-128 to +127	0
	B Satu	-128 to +127	0
	B Phase	-128 to +127	0
	B_Mg Satu	-128 to +127	0
	B_Mg Phase	-128 to +127	0
Color Correct2	Matrix	OFF, ON	OFF
	Linear	OFF, A, B	A
	12axes	OFF, A, B	A
	Mg Satu	-128 to +127	0
	Mg Phase	-128 to +127	0
	Mg_R Satu	-128 to +127	0
	Mg_R Phase	-128 to +127	0
	R Satu	-128 to +127	0
	R Phase	-128 to +127	0
	R_Ye Satu	-128 to +127	0
	R_Ye Phase	-128 to +127	0
	Ye Satu	-128 to +127	0
	Ye Phase	-128 to +127	0
	Ye_G Satu	-128 to +127	0
	Ye_G Phase	-128 to +127	0
Detail1	V DTL	0 to 63	22
	H DTL	0 to 63	22
	Crisp	0 to 63	10
	Peak FREQ	12.4 MHz to 37.1 MHz	23.6 MHz
	Level Dep.	0 % to 30 %	0 %
	Dark DTL	0 to 7	0
	Corner DTL	0 to 31	0
	DTL_Source	2G+B+R, R, B, R+B, G, R+G, G+B, R+G+B	R+G
	DTL_Clip+	0 to 63	0
	DTL_Clip-	0 to 63	0
Detail2	DTL_Knee+	0 to 15	0
	DTL_Knee-	0 to 15	0
	Knee DTL	0 to 39	0

Table of adjustment setting ranges

Menu	Item	Adjustment setting range	Initial value
Skin Tone Detail1	Skin Tone DTL	OFF, ON	OFF
	Skin Tone Get	EXECUTE (execution items)	EXECUTE
	Skin Tone Get	CANCEL (execution items)	CANCEL
	MEM Select	A, B	A
	Cursor	OFF, ON	OFF
	H Cursor	1 to 1920	960
	V Cursor	1 to 540	270
	ZEBRA	OFF, A, B, A+B	OFF
	Effect MEM	A, B, A+B	A+B
Skin Tone Detail2	Skin Tone DTL	OFF, ON	OFF
	MEM A	—	—
	Skin Tone Crisp	−63 to 0 to +63	0
	Phase	0 to 359	0
	Width	0 to 255	0
	Saturation	0 to 255	0
	MEM B	—	—
	Skin Tone Crisp	−63 to 0 to +63	0
	Phase	0 to 359	0
	Width	0 to 255	0
	Saturation	0 to 255	0

Table of adjustment setting ranges

Maintenance

Menu	Item	Adjustment setting range	Initial value
Date / Time (*4)	Present	(Display item)	(Current date/time)
	Adjust	NO?, YES?	NO?
	12H, 24H	24H, 12H	12H
	Date YY	Year	(Current year)
	Date MM	Month	(Current month)
	Date DD	Day	(Current day)
	Date aaa	Day of week	(Current day of week)
	Time HH	Hours	(Current hours)
	Time NN	Minutes	(Current minutes)
	Time SS	Seconds	(Current seconds)
	Set Exe	NO?, YES?	NO?
	Reset	NO?, YES?	NO?
SD Card	Mode	FORMAT, LOAD, STORE	LOAD
	File No.	1 to 8	1
	EXECUTE	NO?, YES?	NO?
Scene File	Mode	LOAD, STORE	LOAD
	File No	OFF, 1 to 8 (when LOAD is selected) 1 to 8 (when STORE is selected)	1
	EXECUTE	NO?, YES?	NO?
Lens File	Mode	LOAD, STORE	LOAD
	File No	OFF, 01 to 16 (when LOAD is selected) 01 to 16 (when STORE is selected)	01
	File Name	Enables a name (8 characters) to be set.	(Filename)
	EXECUTE	NO?, YES?	NO?
Lens Edit	Gain R	-100 to +100	0
	Gain G	-100 to +100	0
	Gain B	-100 to +100	0
	Flare R	-100 to +100	0
	Flare G	-100 to +100	0
	Flare B	-100 to +100	0
	W H SAW R/G/B	-100 to +100	0
	W H PARA R/G/B	-100 to +100	0
	W V SAW R/G/B	-100 to +100	0
	W V PARA R/G/B	-100 to +100	0
	Store?	NO?, YES?	NO?
	Cancel?	NO?, YES?	NO?
Option (*5)	—	—	—
Iris Cont.	Auto Iris	OFF, ON	OFF
	Window Select	1 to 8 (*6)	1
	Iris Level	0 to 100	50
	Peak Ratio	0 to 100	60
	A.Iris Range	NORMAL, (3/4), (2/4), (1/4)	NORMAL
	A.Iris Speed	1 to 25	15
	LensExtComp.SW	NORMAL, ON	NORMAL
	LensExtComp.LVL	-40 to +40	0

*4: If the date and time have not been set properly, the time may not be updated properly.
The clock has an error which may cause it to gain or lose up to one minute per month.

*5: The menu displayed differs depending on the type of option board installed.

*6: The types of windows which can be selected are as shown in the figure below.

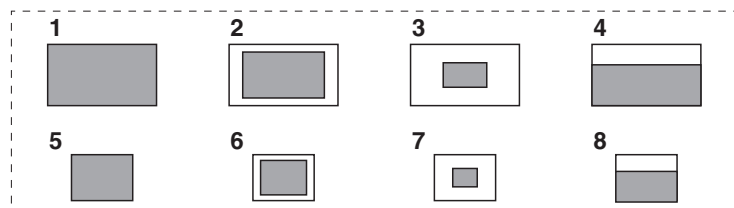


Table of adjustment setting ranges

Menu	Item	Adjustment setting range	Initial value
CINE Gamma	Cinema Gamma SW	OFF, ON	OFF
	Cinema Gamma SEL	VIDEO_REC, FILM_REC	VIDEO_REC
	Black STR LVL	0 to +30	+30
	Dynamic LVL	200 %, 300 %, 400 %, 500 %	200 %
	Knee Point	+30 to +90	+30
	Knee Slope	150 %, 200 %, 250 %, 300 %, 350 %, 400 %, 450 %, 500 %, 550 %, 600 %	150 %
ASU	Filter	REF, CURRENT	REF
	Setup Mode	FULL (standard), EASY (simplified)	FULL
	REF File	Factory, User1, User2, User3	Factory
	M-PED Target	0.0 % to 7.5 %	5.0 %
	ASU Execute	(execution items)	READY?
Tally Guard	Tally Guard	OFF, ON	OFF
G / L	H Phase Coarse	-60 to +60 (during HD signal genlock) -120 to +120 (during SD signal genlock)	0
	H Phase Fine	-45 to +45	0
	SD-HD Phase CRS	-4 to +4	0
	SD-HD Phase Fine	-99 to +99	0
	HD-SD Phase CRS	-8 to +8	0
	HD-SD Phase Fine	-99 to +99	0
	SD-HD V Phase	HD, SD	SD
	SC Coarse	0 to 7	0
	SC Fine	-255 to +255	0
	SC-H Coarse	0 to 7	0
	SC-H Fine	-255 to +255	0
Shutter	Shutter	OFF, ON	OFF
	SYNCHRO	OFF, ON	OFF
	Mode	Fixed at SHUTTER	SHUTTER
	Speed	When SHUTTER is ON, SYNCHRO is OFF 100/125/250/500/1000/2000	When SHUTTER is ON, SYNCHRO is OFF: 100
		When SHUTTER is ON, SYNCHRO is ON 60.9 Hz to 99.8 Hz	When SHUTTER is ON, SYNCHRO is ON: 60.9
ROM Version	CAM	(Display item)	(Current value)
	B, U (*7)	(Display item)	(Current value)
PLD Version	TG	(Display item)	(Current value)
	SHD	(Display item)	(Current value)
	MEM	(Display item)	(Current value)
	RET VF	(Display item)	(Current value)
	AUX	(Display item)	(Current value)
	CAMSYS	(Display item)	(Current value)
	OPTION	(Display item)	(Current value)
Format	Present	(Display item)	(Current value)
	Format	50 i, 59.94 i	59.94 i

*7: This is displayed when the buildup unit is connected.

SD memory card operations

These operations are performed on the SD Card page on the Maintenance menu.

The VF display settings and camera function settings on the Operation menu can be recorded on the SD memory card.

For details on what items are stored in the memory of the SD memory card, refer to "Table of the adjustment setting ranges."

SD Card	
→Mode	FORMAT
File No.	3
EXECUTE	No?

Mode: SD memory card operation mode setting

Select the SD memory card operation here.

Setting range: FORMAT, LOAD, STORE

FILE No.: File selection

Select the number of the file to be loaded or stored here.

Setting range: 1 to 8

- The files on the SD memory card have filenames which range from "3500cm01.dat" for File No.1 to "3500cm08.dat" for File No.8.
- The SD memory card may not work properly if files have been edited using a personal computer or other device.

EXECUTE

The item set in "Mode" is executed here.

When the arrow cursor (→) is moved to EXECUTE and the JOG dial button is pressed, "No?" appears.

When the dial button is turned, "Yes?" appears.

When the dial button is pressed while "Yes?" is displayed, the selected operation is executed.

Conversely, when it is pressed while "No?" is displayed, the selected operation is canceled.